UNIVERSITY OF MASSACHUSETTS BOSTON

Division of Corporate, Continuing & Distance Education

fall 05

- over 200 courses
- convenient times and locations
- online courses & programs
- certificate and degree programs
- corporate & professional training
- English language study

UMASS BOSTON

617.287.7900
ccde.umb.edu

Academic Calendar for Fall Courses

(Note: this calendar applies only to credit courses as listed on pages 14-38 of this bulletin.)

Registration Deadlines

Registration begins	Aug 1 (M)
Waiver registration begins*	Aug 31 (W)
Early registration deadline	Sept 6 (Tu)
Late Registration begins**	Sept 7 (W)
UMB Financial Aid Eligibility Determination	Sept 13 (Tu)
Add/Drop deadline	Oct 1 (S)
Pass/Fail deadline	Nov 10 (Th)
Withdrawal deadline	Nov 10 (Th)

*Waiver registrations will only be accepted on or after this date.
**A $25 late fee will be assessed for all registrations (including waiver registrations) conducted on or after this date.

Refund Schedule***

Deadline for 100% refund	Sept 24 (S)
Deadline for 50% refund	Oct 1 (S)

***For information on refund policy and procedures, see page 3 of this bulletin. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Registration Hours

Monday-Thursday	8:30am-6:00pm
Friday	10:00am-4:00pm
Extended Hours	
Friday, Sept 16	9:00am-7:00pm
Saturday, Sept 17-Oct 1	8:00am-4:00pm

Registration Phone Numbers

For Information: 617.287.7914

To Register By Phone: 617.287.7916

Start/End Dates

Boston Campus Friday/Saturday Courses

Classes begin	Sept 16 (F); Sept 17 (S)
Classes end	Dec 9 (F); Dec 10 (S)
Makeup/Snow day	Dec 16 (F); Dec 17 (S)

Braintree Courses

Classes begin	Week of Sept 12
Classes end	Week of Dec 5
Makeup/Snow day	Week of Dec 12

Copley Courses

Classes begin	Week of Sept 12
Classes end	Week of Dec 5
Makeup/Snow day	Week of Dec 12

Plymouth Courses

Classes begin	Week of Sept 12
Classes end	Week of Dec 5
Makeup/Snow day	Week of Dec 19

Technical Education Courses

Classes begin	Week of Sept 12
Classes end	Week of Dec 5
Makeup/Snow day	Week of Dec 19

Online Courses

Classes begin	Week of Sept 12
Classes end	Week of Dec 5

Note: If a course has start/end dates that differ from those listed above, they are noted along with the descriptions and schedule information on pages 14-38.

Final exams are held on last day of class unless otherwise indicated by the instructor.

Holidays & Vacations

Labor Day	Sept 5 (M)
Columbus Day	Oct 10 (M)
Veterans' Day	Nov 11 (F)
Thanksgiving Recess	Nov 24-26 (Th-S)

What's Inside

Academic Calendar . . . . . Inside front cover
How to Contact Us / Directions 2
Registration 3
Fees & Payments 4-5
Academic Information 6-7
Offices, Services & Resources 8
Campus Map 9
Program Guide by Location 10-13
Undergraduate Courses 14-32
Graduate Courses 33-38
Distance Learning 39
CCDE Degree & Certificate Programs 40-47
Corporate & Professional Training 48-49
English Language Study 50-51
Test Preparation 52
Partnerships 53
More Opportunities at UMass Boston 54
Registration Form for Non-Credit Programs 55
Registration Form for Credit Courses 56

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All information in this publication is subject to change. For most current information, visit ccde.umb.edu.

To request an alternate-format version of this bulletin, please call 617.287.7911 (for general inquiries, please use 617.287.7900).

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular weekday hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm. Special hours for fall 2005 are as follows: Friday, Sept. 16, 10:00am-7:00pm; Saturday, Sept. 17, 24, and Oct. 1, 8:00am-4:00pm. To contact CCDE, call 617.287.7900 or Email to ccde@umb.edu.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION
Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION
Registration Info Line
617.287.7914
(for information only; to register by phone, call 617.287.7916)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING
Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

ONLINE COURSES & PROGRAMS
Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS, FIELD STUDY, PROGRAMS ON NANTUCKET
Kathy FitzPatrick
617.287.7913 kathleen.fitzpatrick@umb.edu

ENGLISH LANGUAGE STUDY
Susan Griffin
617.287.7278 susan.griffin@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- online registration
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- A-Z guide to everything CCDE
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

Directions to our off-campus sites can be found on pages 10-13.

Parking

Parking is available at the University in two underground garages, designated LL (lower level) and UL (upper level), as well as in an outside lot. Operators of all vehicles except motorcycles must pay $6.00 per day to park on campus (motorcycles: $3.00 per day). Prepaid discount passes are available and may be purchased at the UMass Bookstore or at the Parking & Transportation Office. Contact the Parking Office at 617.287.5041 for more information.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617.287.5040.

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register for all fall courses starting August 1. It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for fall courses is possible until Sept. 6. Late registration will take place during the periods indicated in the Academic Calendar (inside front cover). Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering late must pay a $25 fee.

How to Register

Students may use any of the following methods to register:

ONLINE REGISTRATION
You may now submit your registration online (note: online registration is not available for some courses). For details, visit ccde.umb.edu.

TELEPHONE REGISTRATION
To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 10:00am-4:00pm. Payment can be made only by credit card (MasterCard, Visa, or Discover). Please fill out the registration form on page 56 and be ready to refer to it before calling.

MAIL OR FAX REGISTRATION
To register by mail or fax, fill out the registration form on page 56. Send it with full payment to the address indicated on the form or fax it to 617.287.7902. For mail registration, payment can be made by check or credit card (MasterCard, Visa, or Discover). For fax registration, payment can be made only by credit card. Mail registrations must be postmarked by Sept. 6. Registrations postmarked after that date will be assessed a $25 late fee.

WALK-IN REGISTRATION
Walk-in registration takes place at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm, with additional extended hours as follows: Friday, Sept. 16, 10:00am-7:00pm; Saturday, Sept. 17, 24, and Oct. 1, 8:00am-4:00pm.

Payment can be made by check, credit card (MasterCard, Visa, or Discover), or cash (Note: Cash payments can only be made at the Bursar's Office, which is open until 4:30pm). For details, see "Payments" (page 4).

Note: All registrations are accepted on the basis of available space. Full payment is required before registrations are accepted.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled may register for another course or request a refund. The course fee will be refunded in full to any student who has paid for a canceled course and does not wish to register for another course in its place. If all courses for which the student has registered are canceled, service fees will also be refunded.

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$195 per credit
Graduate	$240 per credit

In a few cases, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions. The lab fee for each course must be paid at the time of registration.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each semester.

Registration Fee (non-refundable*)	$30.00
Educational Service Fee	20.00
Facilities Operations Fee (Note: this fee is not paid by students taking only online courses.)	50.00
Records Fee (for non-matriculated students)	6.00
Late Registration Fee (when applicable—see Academic Calendar, inside front cover) (non-refundable*)	25.00
Returned Check Fee (when applicable)	25.00

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

Combined New Student Fee

This one-time mandatory fee of $345 is paid by students entering a UMass Boston degree or certificate program (see page 40). Students will be billed for this fee; it is not paid at the time of registration for CCDE courses.

Payments

Students must pay course and service fees in full before their registrations will be accepted. No payment will be accepted after the add/drop deadline. Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

MASTERCARD, VISA, OR DISCOVER

The University will accept payment by MasterCard, VISA, or Discover for all CCDE course and service fees. Please fill out the appropriate section of the registration form.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-F, 9:00am-4:30pm). After your completed registration form has been verified at the CCDE Registration Center (Wheatley Hall, second floor, room 203), you should make a cash payment at the Bursar's Office, where you will be given a receipt. You should then return to the CCDE Registration Center and submit the receipt along with your registration form. Registration is not official until this receipt has been submitted.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

Refund Policy

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course must file a Change of Registration/Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203).

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

Non-credit programs do not follow the Academic Calendar and have their own refund schedules; for more information, see individual program listings.

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student must initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment with MasterCard, VISA, or Discover, the refund must be returned as a credit to the cardholder's account. Please be sure to provide the number of the account to be credited. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

Refunds of credit card payments will usually be processed within four to five business days. Refunds of payments made by check or cash will take ten to fifteen business days.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $195 per undergraduate credit and $240 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Anyone eligible for course fee waivers must submit documentation when registering; waivers cannot be used retroactively.

Students using waivers must register during a special waiver registration period (see Academic Calendar, inside front cover).

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.

2 The course for which the waiver is being used must be a credit-bearing course.

3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office (tel. 617.287.5875).

4 They must have their registration form approved by the UMass Boston Veterans Affairs Office.

5 Veterans must have served during a period considered by the Commonwealth of Massachusetts, MGL Chapter 4, Section 7, as wartime service.

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Waivers may not be used for Music 185 (Private Music Lessons; see page 24) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work. It is the responsibility of students to meet prerequisites for individual courses. Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six credits earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Fall 2005 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/cla/gened.html or www.umb.edu/academics/csm/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Fall 2005 Schedule of Courses booklet.

Courses whose numbers are preceded by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. For current schedule information, visit www.uac.umb.edu.

Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams; however, sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, credits for the course count as graduation credits, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five credits cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover). Pass/fail forms are available at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the CCDE Registration Center at the UMass Boston campus (Wheatley Hall, second floor, room 203). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose semester average falls below 2.00 but whose cumulative average still meets the required minimum receives a warning posted in an obvious place on the online degree audit system to put the student on notice.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average of 2.0, he or she is placed on probation. A letter is sent informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense, or to participate on any intercollegiate athletic team.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second consecutive semester is suspended for one semester. The student must apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule, and shall set standards for retention. A student who has received a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year.

A student who has been dismissed or suspended may not register for CCDE credit courses.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston credits are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Transcripts

All students who wish transcripts sent to other schools must complete transcript request forms; visit the Student Administrative Services Center, Campus Center, Upper Level, or call 617.287.6224.

ID Cards

ID cards may be obtained through the Student Life Office (Campus Center, 3rd floor) Monday through Thursday, 9:00am-6:00pm. Friday, 9:00am-5:00pm. The office will be open for extended hours during the first two weeks of the semester and on the first few Saturdays of the semester. Please call for these extended hours. Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $5 (cash or money order; no personal checks).

Note: Students taking off-campus and weekend courses receive a special ID card. This card permits the holder to use the facilities of the Healey Library, but it does not provide access to the University's athletic facilities, health services, or fee-supported student activities.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Emergency Cancellations of Classes

When classes and activities held at the UMass Boston campus are canceled because of snow or other emergencies, the University will announce cancellations beginning at 6:00am. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. The bulletin board at UMass Boston's web site (www.umb.edu) will contain weather announcements. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), and WHDH-TV (Channel 7) will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Bookstore

Books for all credit courses offered on or off campus may be purchased in the Campus Center, UL (Upper Level). The bookstore is open Monday through Thursday, 8:30am-6:30pm; Friday, 8:30am-4:30pm. Hours will be extended for the first three weeks of the semester. For more information, call 617.287.5090. Books may also be purchased online at www.efollett.com

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the UMass Boston campus plaza, easily accessible from the catwalk that connects all buildings on campus. The Healey Library's regular hours are as follows: Monday through Thursday, 8:00am-11:00pm; Friday, 8:00am-7:00pm; Saturday 9:00am-5:00pm; Sunday, 11:00am-7:00pm. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

For information on access to library resources for online students, visit ccde.umb.edu/dl and click on "Frequently Asked Questions."

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. Monday through Thursday, 8:30am-6:00pm, Friday, 8:30am-5:00pm (walk-in services available; please call for an updated schedule.)

Academic advising is also available during the day or evening, by appointment, at the CCDE office. For more information, call Ed Zaleskas at 617.287.7900 or Email edward.zaleskas@umb.edu.

Cafeteria

Food service is available to Friday and Saturday students at the Wit's End Cafe (3rd floor, Wheatley Hall) as well as the Atrium Cafe (UL, Campus Center—Friday 8:00am-6:00pm, Saturday 8:30am-2:00pm).

Ross Center for Disability Services

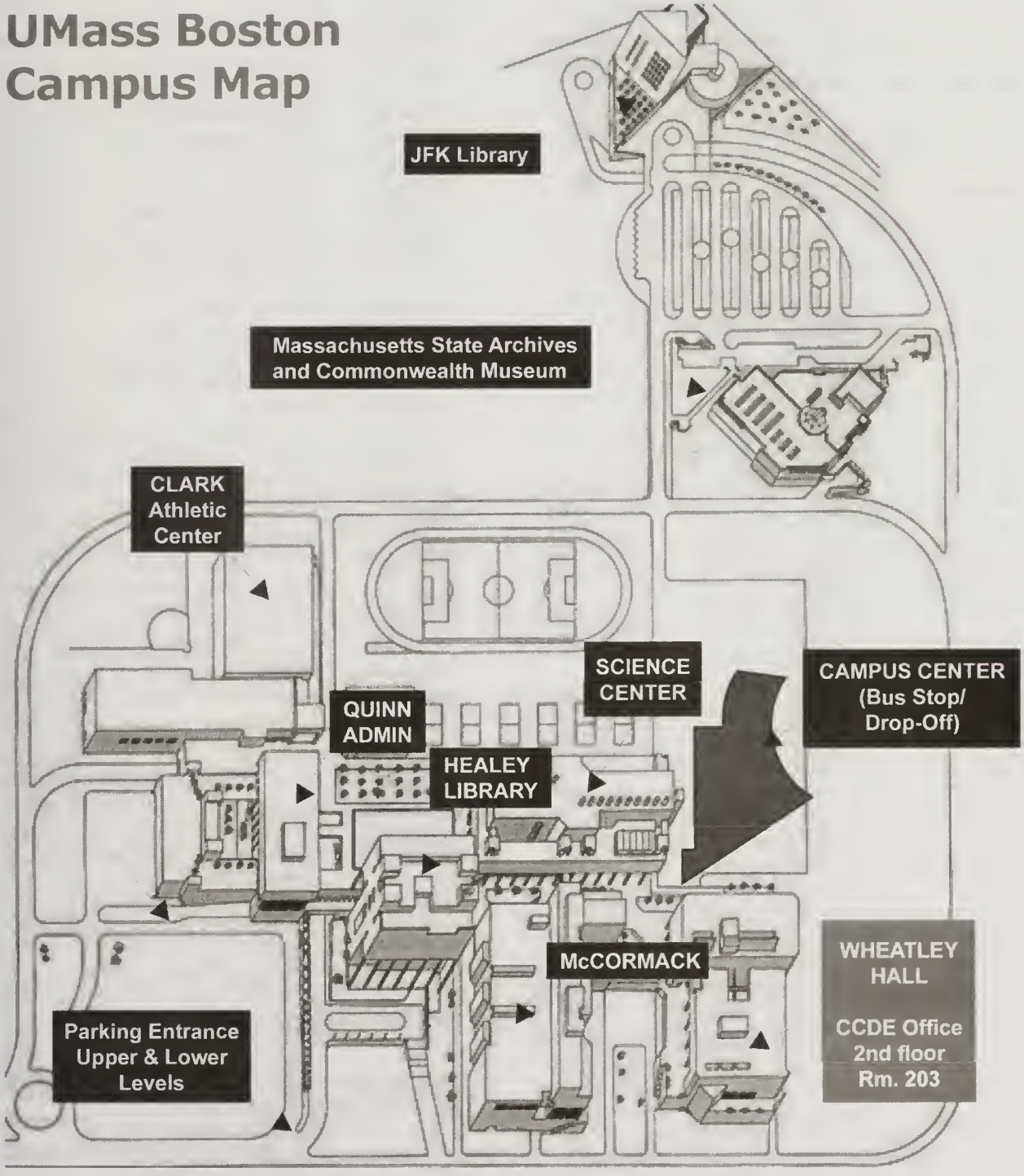
Campus Center, 2nd floor, 617.287.7430; Monday through Thursday 8:30am-5:00pm; Friday, 8:30am-4:00pm; other hours by arrangement. The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Veterans Services

Student Administrative Services Center, Campus Center, Upper Level, M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

UMass Boston Campus Map



UMass Boston Campus

100 Morrissey Boulevard

DIRECTIONS:

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AMST 101	Popular Culture in America	14
AMST 215	America on Film	15
ANTH 105	Introduction to Biological Anthropology	15
ANTH 106	Introduction to Cultural Anthropology	15
ANTH 271	Peoples and Cultures of the Middle East	15
ART 100	The Language of Art	16
ART 102	Renaissance to Modern Art	16
ART 265	Film Analysis	16
ART 281	Drawing I	16
BIOL 108	Introduction to Nutrition	16
COMSTU 105	Oral Communication	17
CRMJUS L262	Criminology	18
CRMJUS L351	Methods of Sociological Research	18
CRMJUS L363	Corrections	18
CRMJUS L368	Alcoholism: Etiology and Epidemiology	18
E&GSCI 225	Weather and Climate	18
ENGL 101	Freshman English I	19
ENGL 102	Freshman English II	19
ENGL 206	Six American Authors	20
ENGL 324	Short Story	20
FRENCH 101	Elementary French I	20
FRENCH 201	Intermediate French I	21
HIST 111	Foundations of Western Civilization	21
HIST 114	Modern World History II	21
LING 151	Elementary American Sign Language I	22
MATH 115	College Algebra	23
MATH 125	Introductory Statistics	23
MATH 130	Precalculus	23
MATH 134	Managerial Algebra and Calculus	23
MUSIC 111	An Introduction to Music	24
MUSIC 185	Private Music Lessons	24
PHIL 108	Moral and Social Problems	25
PHIL 222	Moral Issues in Medicine	25
PHIL 281	Philosophy of Magic, Witchcraft & the Occult	26
POLSCI 101	Intro to Politics and Political Science	26
POLSCI 202	Comparative Politics of Transitional Societies	26
PSYCH 100	Introductory Psychology	27
PSYCH 102	Intro to Behavioral Research	27
PSYCH 200	Personality	27
PSYCH 242	Adolescence	27
PSYCH 250	Learning and Memory	27
PSYCH 260	Behavioral Neuroscience	27
PSYCH 315	Psychological Trauma: Individual and Society	28
PSYCH 333	Group Dynamics	28
RELSTY 109	Symbol, Myth, and Ritual	28
SOCIOL 201	Youth and Society	29
SOCIOL 261	Social Deviance and Control	29
SOCIOL L262	Criminology	29
SOCIOL 316	Family Violence	29
SOCIOL 341	Elements of Sociological Theory	29
SOCIOL L351	Methods of Sociological Research	29
SOCIOL 362	Juvenile Delinquency	30
SOCIOL L363	Corrections	30
SOCIOL L368	Alcoholism: Etiology and Epidemiology	30
SPAN 105	Basic Spanish for Communication I	30
WOST 100	Women and Society	32
WOST 180A	Women, Work, and Stress	32
WOST 180B	Women and Addiction	32

GRADUATE CREDIT COURSES

Course #	Title	Page
CRCRTH 630	Criticism and Creativity in Literature and the Arts	34
INSDSG 601	Introduction to Instructional Design	35
INSDSG 602	The Adult as Learner	35
INSDSG 608	Information Design and Visual Literacy	35
INSDSG 620	Interpersonal Skills and Group Dynamics	35
INSDSG 630	Managing the Training Function	36
INSDSG 650	Assessment of Educational Technologies	36
INSDSG 690	Capstone Seminar	36
SPAN 503	Perspectives on the Spanish-Speaking Language Classroom	37

CORPORATE & PROFESSIONAL TRAINING *(see pages 48-49)*
- Alcoholism/Chemical Dependency Treatment Services Program
- Practical Project Management
- PMP Exam Preparation

ENGLISH LANGUAGE STUDY *(see pages 50-51)*
- ESL: The Intensive Course
- University Preparation
- ESL: Business English Option
- Evening ESL Classes
- Professional Communication for Non-Native Speakers
- TOEFL Test Preparation
- Winter ESL in Boston

GRADUATE TEST PREPARATION *(see page 52)*

Andover

Greater Lawrence Regional Vocational High School
57 River Road

DIRECTIONS:
I-93 to Exit 45, left onto River Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 207	Competency-Based Vocational Educational Curriculum Development	31
OCC ED 216	Computerized Vocational Technical Curriculum Management	31

Braintree

Braintree High School, 128 Town Road

DIRECTIONS:
Interstate 93 to Exit 6 (Route 37), merge onto Granite St., left on Town Road.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
BIOL 111	General Biology I	16
SOCIOL 101	Introduction to Sociology	28

Copley Square, Boston

Muriel S. Snowden International School, 150 Newbury Street

DIRECTIONS:
At corner of Newbury and Dartmouth Streets, Back Bay, Boston. MBTA: Take Green Line to Copley station, one block north on Dartmouth Street to Newbury Street.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AF 201	Personal Finance	14
AF 210	Financial Accounting	14
AF 211	Managerial Accounting	14
AFRSTY 101	Introduction to Africana Studies	14
AMST 206	The Sixties	14
ANTH 280	Dreaming across Cultures	15
BIOL 108	Introduction to Nutrition	16
CRMJUS L321	Race and Ethnic Relations	18
E&GSCI 101	The Global Environment	18
ECON 101	Introduction to Microeconomics	19
ECON 102	Introduction to Macroeconomics	19
ENGL 101	Freshman English I	19
ENGL 102	Freshman English II	19
ENGL 201	Five Major British Writers	19
ENGL 210	Introduction to Creative Writing	20
HIST 112	Modern Western Civilization	21
HIST 165	American History before 1877	21
HIST 339	Modern Irish History from 1800 to the Present	21
MATH 125	Introductory Statistics	23
MGT 130	Intro to Business	22
MSIS 105	Intro to Information Systems	22
PHIL 100	Intro to Philosophy	25
PHIL 108	Moral and Social Problems	25
POLSCI 102	Government and Politics of the United States	26
POLSCI 220	International Relations	26
PSYCH 100	Introductory Psychology	27
PSYCH 215	Abnormal Psychology	27
PSYCH 241	Infancy and Childhood Development	27
PSYCH 341	The Family and the Child: A Psychological View	28
RELSTY 104	Socrates, Jesus, Buddha	28
SOCIOL 101	Introduction to Sociology	28
SOCIOL 281	Society and the Individual	29
SOCIOL 310	Socialization	29
SOCIOL L321	Race and Ethnic Relations	29
SPAN 105	Basic Spanish for Communication I	30

GRADUATE TEST PREPARATION *(see page 52)*

Framingham

Joseph P. Keefe Technical School, 750 Winter St.

DIRECTIONS:
I-90 to Exit 13, left on Rt. 30, right on High St. (becomes Salem End Rd.), left on Winter st.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 207	Competency-Based Vocational Educational Curriculum Development	31
OCC ED 210	Teaching Methods: Educating the Vocational Technical Learner	31

Online Courses

For information about UMass Boston's online courses and programs, see page 39.

Online courses are marked in the following pages with the symbol at left.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AF 201	Personal Finance	14
ANTH 107	Introduction to Archaeology	15
ANTH 367	Social and Cultural Perspectives on Witchcraft and Sorcery	15
BIOL 101	The Basis of Life	16
COMSTU 100	Introduction to Communication	17
COMSTU 210	Using Internet Communications	17
COMSTU 250	Analyzing Media	17
CS 109	Computer Programming for Engineers	17
CS 240	Programming in C	17
EASIAN L363	Modern Japan	18
ECON 101	Intro to Microeconomics	19
ECON 102	Intro to Macroeconomics	19
ENVSTY 101	The Nature of Environmental Problems	20
HIST 166	American History After 1877	21
HIST 433	Mussolini and Fascism	21
HIST L363	Modern Japan	21
LATIN 101	Fundamentals of Latin I	22
MGT 130	Intro to Business	22
MSIS 123	Intro to Information Security	22
MSIS 124	Intro to Visual Basic.Net	22
MUSIC 248	Universe of Music	24
NURSNG 360	Professional Issues	25
NURSNG 361	Health Assessment and Promotion	25
NURSNG 362	Nursing Research and Informatics	25
NURSNG 460	Evidence-Based Practice	25
OCC ED 207	Competency-Based Vocational Educational Curriculum Development	31
OCC ED 208	Implementing Competency-Based Curriculum Development	31
OCC ED 211	Fundamentals of the Vocational Education Environment	31
POLSCI 203	Public Policy	26
POLSCI 220	International Relations	26
PSYCH 335	Social Attitudes and Public Opinion	28
SOCIOL 101	Intro to Sociology	28
SOCIOL 160	Social Problems	29
SOCIOL 367	Drugs and Society	30
SPAN 101	Elementary Spanish I	30
SPAN 102	Elementary Spanish II	30
WOST 240	Educating Women	32
WOST 260	Women's Health Care	32

GRADUATE CREDIT COURSES

Course #	Title	Page
APLING 601	Linguistics	33
APLING 670	Testing in the Bilingual/ESL Classroom	33
COUNSL 620	Clinical Application of Human Development	33
COUNSL 626	Collaborative Consultation and Larger Systems	33
CRCRTH 601	Critical Thinking	33
CRCRTH 618	Creative Thinking, Collaboration and Organizational Change	33
CSDEDU 530	Curriculum Frameworks for All Students (Learning Styles, English Language Arts Framework)	34
CSDEDU 540	Curriculum Frameworks for All Students (Mathematics, Science and Technology, History and Social Sciences)	34
EDC G 610	Computers, Technology & Education	34
EDC G 612	Design of Educational Courseware & Applications	34
GERON 623	Intro to Issues in Aging Policy	34
GERON 650	Service Delivery Issues in Aging	35
INSDSG 601	Introduction to Instructional Design	35
INSDSG 604	Communication Theory for Organizations	35
INSDSG 617	Advanced Computer-Based Training	35
INSDSG 640	Planning and Design of Educational Multimedia Programs	36
NURSNG 631	Role of the Advanced Practice Nurse	36
NURSNG 634	Pharmacology for Advanced Practice Nurses	36
NURSNG 639	Primary Care of the Adult	37
NURSNG 680	Primary Care of the Family Practicum II	37
PRFDVL 5V02	Adobe Photoshop	38
PRFDVL 5V06	Web Design for Educators	38
SPAN 520	Linguistic Perspective on Variations in the Spanish Language	37
SPE G 511	Physical and Functional Aspects of Orientation and Mobility	38
SPE G 629	Consultation and Interpersonal Skills I	38
SPY G 691	Seminar in School Psychology	37

CORPORATE & PROFESSIONAL TRAINING *(see pages 48-49)*

Practical Project Management

PMP Exam Preparation

Plymouth

Cordage Commerce Center
36 Cordage Park Circle, Suite #201

DIRECTIONS:

Rte. 3 to Exit 9 (Kingston/N. Plymouth), left onto Main St. (Rte. 3A), Main St. becomes Court St., follow to Cordage Commerce Center.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 207	Competency-Based Vocational Educational Curriculum Development	31
OCC ED 208	Implementing a Competency-Based Curriculum Development	31
OCC ED 209	Teaching Methods: Instructional Strategies in Vocational Technical Education	31
OCC ED 211	Fundamentals of the Vocational Education Environment	31
OCC ED 212	Management of the Vocational Education Environment	31

CORPORATE & PROFESSIONAL TRAINING *(see pages 48-49)*

Alcoholism/Chemical Dependency Treatment Services Program

Wakefield

Northeast Metropolitan Regional Vocational High School
100 Hemlock Road

DIRECTIONS:

Rte 1 north to Main St. (Melrose/Stoneham) exit, merge onto Main St., Main St. becomes Farm St., right onto Hemlock Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 207	Competency-Based Vocational Educational Curriculum Development	31
OCC ED 208	Implementing a Competency-Based Curriculum Development	31
OCC ED 209	Teaching Methods: Instructional Strategies in Vocational Technical Education	31
OCC ED 211	Fundamentals of the Vocational Education Environment	31
OCC ED 212	Management of the Vocational Education Environment	31

IF YOU HAVE QUESTIONS...
...about your eligibility to enroll in CCDE courses, or about College of Liberal Arts (CLA) and College of Science & Mathematics (CSM) distribution and diversity requirements, turn to page 6, "Academic Information."

UNDERGRADUATE COURSES

Accounting & Finance

PERSONAL FINANCE **AF 201**
Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 100056

ONLINE
Special course fee: $745
Sched No 100063

FINANCIAL ACCOUNTING **AF 210**
Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 100077

MANAGERIAL ACCOUNTING **AF 211**
Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, and standard job order and process cost systems.
Prerequisite: AF 210 and 30 credits.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 100091

Africana Studies

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**
This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 182418

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**
This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-126
Sched No 100112

THE SIXTIES **AMST 206**
The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 100126

AMERICA ON FILM — AMST 215

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: The Arts.
Diversity Area: United States.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-061
Sched No 100154

Anthropology

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY — ANTH 105

The study of the biological heritage of humans. Topics include primate classification, primate and human evolution, evolutionary theory and the genetic basis of evolutionary change, and human biological variation.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-052
Sched No 100189

INTRODUCTION TO CULTURAL ANTHROPOLOGY — ANTH 106

The study of recent and contemporary human societies in cross-cultural perspective. Through the use of ethnographic accounts, the course analyzes and compares variations in processes of cultural change, and in cultural adaptations.
Note: Anth 102 is not a prerequisite to Anth 103.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-061
Sched No 100203

INTRODUCTION TO ARCHAEOLOGY — ANTH 107

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio.
Note: Students who have taken ANTH 102 may not receive credit for ANTH 107.
Distribution I Area: Natural Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE
Sched No 183097

PEOPLES AND CULTURES OF THE MIDDLE EAST — ANTH 271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-052
Sched No 100231

DREAMING ACROSS CULTURES: THE ANTHROPOLOGICAL STUDY OF DREAMS — ANTH 280

We will explore dreams across cultures and through the lens of anthropology. We will read accounts of dreams among peoples in New Guinea, Australia, Western Asia, Africa, and others, and examine dreams within religious traditions such as Buddhism. We will also explore recent theories of dreams by Freud, Jung, and Foucault, as well as recent developments in neurobiology and dreaming. Among the texts we will read are Dream Travelers by Roger Lohmann, Memories, Dreams and Reflections by Carl Jung, and The Scientific Study of Dreams, by G. Roger Lohmann.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 183111

SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY — ANTH 367

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.
Prerequisites: Anth C100, or 103, and junior standing, or permission of instructor.
3 Credits, Special course fee: $745

ONLINE
Sched No 182432

Art

THE LANGUAGE OF ART — ART 100

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.
Distribution I Area: The Arts.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 12:00-3:00pm, M-3-430
Sched No 182446

RENAISSANCE TO MODERN ART — ART 102

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, M-3-430
Sched No 100294

FILM ANALYSIS — ART 265

Any thorough and systematic study of film, because of its essentially interdisciplinary nature, must address concerns and problems common to other forms of artistic expression such as literature, theater, painting, and photography. The particular approach taken in this course to the study of film offers an encounter with the works that goes beyond the conventional experience of theater and TV viewing and employs special methods of projection that permit detailed analysis by means of slow motion and still frame techniques. The films thus studied include example of classic Hollywood, contemporary American, and foreign feature films, and the documentary. The course is not primarily historical in emphasis; rather, its concerns are the visual language of film, its use as the vehicle for narrative and theme, and major film types and styles. Special attention is given to the analysis and interpretation of sequences from the films studied in class.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $585, Lab fee: $30.00

UMASS BOSTON CAMPUS
S 12:00-4:30pm, M-3-407
Sched No 182460

DRAWING I — ART 281

Basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 12:00-4:30pm, H-8-016
Sched No 100315

Biology

THE BASIS OF LIFE — BIOL 101

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $745

ONLINE COURSE
ONLINE
Sched No 100329

INTRODUCTION TO NUTRITION — BIOL 108

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-2-126
Sched No 100350

COPLEY
Tu 6:00-9:00pm
Sched No 100343

GENERAL BIOLOGY I — BIOL 111

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $780, Lab fee: $75

BRAINTREE
MW 6:30-9:30pm
Sched No 100371

Communication Studies

INTRODUCTION TO COMMUNICATION **COMSTU 100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, and goes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE
Sched No 100399

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-124
Sched No 100413

USING INTERNET COMMUNICATIONS **COMSTU 210**

The major purpose of this course is to enhance the students' abilities to communicate effectively using information technologies, especially the technologies of telecommunication. Students will review basic principles about effective communication generically, and will participate in the translation of these principles into working guidelines for electronic communications in interpersonal, small group, and public presentational settings. They will apply these guidelines in technological modes befitting these respective settings, including e-mail, document sharing, discussion forums and chats presentation software, audio and streaming video, and possibly group decision support systems (GDSS). A few basic web-design principles will be presented and students will create individual web pages or sites, but the major focus will be on communication inside organizations for problem solving rather than on public relations.
3 Credits, Special course fee: $745

ONLINE
Sched No 100434

ANALYZING MEDIA **COMSTU 250**

Students will acquire a systematic knowledge of the workings of a full range of media and communication technologies and analyze how these media function to shape the public discourse regarding particular social issues, public policies, and cultural groups.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE
Sched No 184077

Computer Science

COMPUTER PROGRAMMING FOR ENGINEERS **CS 109**

An introduction to computer programming for engineering students. This course is not intended for computer science majors. Credit will not be given for both CS 109 and CS 110.
Prerequisite: A suitable score on the mathematics diagnostic test or Math 130 or a higher math course.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Special course fee: $745, Lab fee: $50.00

ONLINE
Sched No 182502

PROGRAMMING IN C **CS 240**

C programming for students with prior knowledge of some high-level language (e.g., one semester of Pascal, Smalltalk, etc.). The course treats C both as a machine level language and as a general purpose language; it covers number representation, masking, bitwise operations and memory allocation, as well as more general topics such as dynamic data structures, file i/o, separate compilation, program development tools, and debugging.
Prerequisite: CS 110 or permission of instructor.
Corequisite: CS 210 or permission of instructor.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Special course fee: $745, Lab fee: $50.00

ONLINE
Sched No 100763

Criminal Justice

CRIMINOLOGY **CRMJUS L262**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: Sociol 101 and junior or senior standing.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-055
Sched No 100700

RACE AND ETHNIC RELATIONS **CRMJUS L321**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: Sociol 101.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 100714

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS L351**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: Sociol 101 and junior standing.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-055
Sched No 100728

CORRECTIONS **CRMJUS L363**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101 and junior standing.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-055
Sched No 182488

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **CRMJUS L368**

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-055
Sched No 100742

Earth & Geographic Science

CERTIFICATE PROGRAM: GEOGRAPHIC INFORMATION TECHNOLOGIES

See page 43.

THE GLOBAL ENVIRONMENT **E&GSCI 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 100812

WEATHER AND CLIMATE **E&GSCI 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: Sophomore standing.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-053
Sched No 182516

East Asian Studies

MODERN JAPAN **EASIAN L363**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Prerequisite: Sophomore standing.
Diversity Area: International.
3 Credits, Special course fee: $745

ONLINE
Sched No 183083

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Prerequisite: Math Q114 or 115, or equivalent.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 100833

ONLINE
Special course fee: $745
Sched No 100840

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Prerequisite: Math Q114 or 115, or equivalent.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 100861

ONLINE
Special course fee: $745
Sched No 100868

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

Small class instruction and practice in writing for college courses on various kinds of topics, many from experience and observation, chosen to develop the student's confidence and ability. Readings and materials vary from section to section, but all sections require a minimum of eight 600-word papers.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-053
Sched No 101162

COPLEY
TuTh 6:00-7:30pm
Sched No 101155

FRESHMAN ENGLISH II **ENGL 102**

Continuation of Engl 101, with emphasis on topics and research writing assignments of the kinds encountered in many types of college courses. Readings and materials vary from section to section, but all sections require a minimum of seven papers, including a longer research paper.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-053
Sched No 101183

COPLEY
TuTh 7:30-9:00pm
Sched No 101176

FIVE MAJOR BRITISH WRITERS **ENGL 201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: See note at beginning of English section.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 101197

SIX AMERICAN AUTHORS **ENGL 206**

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: See note at beginning of English section.
Distribution I Area: The Arts.
Diversity Area: The United States.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-056
Sched No 101211

INTRODUCTION TO CREATIVE WRITING **ENGL 210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: See note at beginning of English section.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 101225

SHORT STORY **ENGL 324**

A study of the short story, chiefly as a genre of this century. The course traces its development from nineteenth century origins, concentrating its reading on such American and Irish writers as Welty, O'Connor, Cheever, Lavin, Joyce, Hemingway, Montague, and considering as well the statements made by short story writers on the poetics of short fiction.
Prerequisites: See note at beginning of English section.
Distribution II Area: The Arts.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-056
Sched No 101239

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS **ENVSTY 101**

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $745

ONLINE COURSE

ONLINE
Sched No 101267

French

ELEMENTARY FRENCH I **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $780, Lab fee: $25

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-058
Sched No 101281

INTERMEDIATE FRENCH I **FRENCH 201**

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.
Prerequisite: French 102, 115, or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $780, Lab fee: $25

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-060
Sched No 101295

History

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-054
Sched No 182530

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 101379

MODERN WORLD HISTORY II **HIST 114**

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-054
Sched No 101393

AMERICAN HISTORY BEFORE 1877 **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 182544

AMERICAN HISTORY AFTER 1877 **HIST 166**

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Special course fee: $745

ONLINE
Sched No 101414

MODERN IRISH HISTORY FROM 1800 TO THE PRESENT **HIST 339**

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.
Prerequisite: Sophomore standing.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 101428

MUSSOLINI AND FASCISM **HIST 433**

This course will closely analyze Mussolini's personality, Fascist doctrine and practice, and foreign policy. The nature of Fascism, its origins and significance for the modern world will be examined. The influence of Italian Fascism in other countries of Europe and America will also be discussed.
3 Credits, Special course fee: $745

ONLINE
Sched No 183020

MODERN JAPAN **HIST L363**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.
Prerequisite: Sophomore standing.
Diversity Area: International.
3 Credits, Special course fee: $745

ONLINE
Sched No 183069

Latin

FUNDAMENTALS OF LATIN I **LATIN 101**

Designed to complete a standard basic textbook with Latin 102.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $745

ONLINE
Sched No 101680

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE I **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-058
Sched No 101694

Management

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 101757

ONLINE
Special course fee: $745
Sched No 101764

Management Science & Information Systems

CERTIFICATE PROGRAM: FUNDAMENTALS OF INFORMATION TECHNOLOGY

See page 42.

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 184378

INTRODUCTION TO INFORMATION SECURITY **MSIS 123**

An overview of information systems security. Topics addressed include a mix of access control systems and methodology, telecommunications and network security, security management practices, application and systems development security, cryptography, security architecture and models, operations security, business continuity and disaster recovery planning, systems security law and ethics, physical systems security and global networked systems security.
3 Credits, Special course fee: $745

ONLINE
Sched No 184189

INTRODUCTION TO VISUAL BASIC.NET **MSIS 124**

This is an introductory course for Visual Basic.NET, an object-oriented, event-driven language that is a subset of the Visual Studio.NET environment. It is designed to provide the beginning Visual Basic applications that conform to welladopted Windows standards. In addition, it will introduce the students to object-oriented programming concepts, which are key to successful Windows and Web-based development efforts. While studnets are expected to have familiarity with basic Windows 95, Windows 98, or Windows 2000 concepts, little or no programming experience is required.
3 Credits, Special course fee: $745

ONLINE
Sched No 101813

Marine Studies

WATER RESOURCES PLANNING AND MANAGEMENT — INTR-D Z107

This course is a comprehensive introduction to the economics and ecology of water supply and water pollution control. Topics include watershed management, groundwater and wetlands protection, wastewater treatment and coastal zone management. The inherent difficulty in applying static laws and regulations to a dynamic natural resource such as water is a recurring theme in the course. It is strongly recommended for students interested in environmental management.
3 Credits, Course fee: $585

BRANDEIS UNIVERSITY
Th 6:10-9:10pm, Sept. 8-Dec 8
To register for this course, you must first call the Marine Studies Consortium (see page 53) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643.

INTRODUCTION TO MARINE MAMMALS — INTR-D Z108

This course explores the biology and natural history of marine mammals in the North Atlantic, including whales, dolphins and seals. Topics include evolution, anatomy, behavior, field identification, the history of whaling, and contemporary whaling issues. Demonstration laboratory work focuses on a small marine mammal. One Saturday field trip on Massachusetts Bay is required.
Prerequisites: BIOL 111-112, or equivalent.
3 Credits, Course fee: $585

NORTHEASTERN UNIVERSITY
Th 6:10-9:10pm, Sept. 8-Dec 8
To register for this course, you must first call the Marine Studies Consortium (see page 53) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643.

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course at or below the level of MATH 140 (Calculus I) must furnish proof to the department that he or she is prepared for that course. The required proof is successful completion of the appropriate math placement test (see Diagnostic Testing, page 6).

COLLEGE ALGEBRA — MATH 115

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking Math 129 or Math 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: A suitable score in math placement test A or MATH 125.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-056
Sched No 101708

INTRODUCTORY STATISTICS — MATH 125

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
Prerequisite: A suitable score in math placement test B or MATH Q114 or MATH 115.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:30pm, W-2-125
Sched No 101729

COPLEY
Th 6:00-9:15pm
Sched No 101722

PRECALCULUS — MATH 130

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter Math 140 without taking this course.
Prerequisite: A suitable score on the math placement test B only.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:30am, W-2-125
Sched No 182572

MANAGERIAL ALGEBRA AND CALCULUS — MATH 134

This course is designed to provide students with mathematical literacy through mastery of basic algebra and basic calculus. Topics include functions, graphs, absolute value, linear equations, inequalities, systems of linear equations and inequalities, polynomials, exponential and logarithmic functions, limits, continuity, derivatives, summation of series, and integration. Applications will be made to managerial situations throughout the course.
Prerequisite: A suitable score on the mathematics placement test D or successful completion of either Math 129 or 130.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-3:00pm, W-2-125
Sched No 101743

Music

AN INTRODUCTION TO MUSIC **MUSIC 111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, M-2-404
Sched No 182600

PRIVATE MUSIC LESSONS **MUSIC 185**

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for twelve half-hour or twelve one-hour lessons; all options bear one academic credit. Lesson times are arranged between student and instructor. For further information, contact the Performing Arts Department at 617.287.5640 or visit the CCDE Registration Center.
Note: Waivers may not be used for MUSIC 185.
The registration deadline for MUSIC 185 is September 13. No late registrations will be accepted.

COURSE FEES:
Twelve half-hour lessons: $330, 1 Credit
Twelve one-hour lessons: $660, 1 Credit

MUSIC 185A: FLUTE

Half-hour lessons	One-hour lessons
Sched No 101834	Sched No 101841

MUSIC 185B: BASS

Half-hour lessons	One-hour lessons
Sched No 101855	Sched No 101862

MUSIC 185C: CLARINET

Half-hour lessons	One-hour lessons
Sched No 101876	Sched No 101883

MUSIC 185D: DRUMS

Half-hour lessons	One-hour lessons
Sched No 101897	Sched No 101904

MUSIC 185E: GUITAR

Half-hour lessons	One-hour lessons
Sched No 101918	Sched No 101925

MUSIC 185F: PIANO

Half-hour lessons	One-hour lessons
Sched No 101953	Sched No 101960

MUSIC 185G: SAXOPHONE

Half-hour lessons	One-hour lessons
Sched No 102016	Sched No 102023

MUSIC 185H: VIOLIN

Half-hour lessons	One-hour lessons
Sched No 182614	Sched No 182621

MUSIC 185I: VOICE

Half-hour lessons	One-hour lessons
Sched No 102037	Sched No 102044

MUSIC 185J: TRUMPET

Half-hour lessons	One-hour lessons
Sched No 102086	Sched No 102093

MUSIC 185K: CELLO

Half-hour lessons	One-hour lessons
Sched No 102107	Sched No 102114

MUSIC 185L: TROMBONE

Half-hour lessons	One-hour lessons
Sched No 102128	Sched No 102135

MUSIC 185M: ORGAN

Half-hour lessons	One-hour lessons
Sched No 102419	Sched No 102156

MUSIC 185N: VIOLA

Half-hour lessons	One-hour lessons
Sched No 102170	Sched No 102177

MUSIC 185O: OBOE

Half-hour lessons	One-hour lessons
Sched No 102191	Sched No 102198

MUSIC 185Q: HORN

Half-hour lessons	One-hour lessons
Sched No 102212	Sched No 102219

MUSIC 185R: BASSOON

Half-hour lessons	One-hour lessons
Sched No 182649	Sched No 182656

MUSIC 185S: ACCORDION

Half-hour lessons	One-hour lessons
Sched No 182670	Sched No 182677

UNIVERSE OF MUSIC **MUSIC 248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: International.
3 Credits, Special course fee: $745

ONLINE
Sched No 102233

Nursing

DEGREE PROGRAM: BS IN NURSING FOR REGISTERED NURSES
See page 41.

PROFESSIONAL ISSUES **NURSNG 360**
As the first nursing course in the RN to BS program, this course is designed to assist registered nurses to develop the skills necessary for university level study and to explore issues that significantly influence the professional nursing practice. The course is also an intermediate seminar in the University's General Education curriculum. As such, it places special emphasis on critical reading, writing and thinking skills.
Prerequisite: Admission to the RN-to-BS degree program. Permission of Department.
6 Credits, Special course fee: $1490

ONLINE
Sched No 102247

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**
This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories and perspectives are used to explain health behavior are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by selfdirected computer assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisite: Admission to the RN-to-BS degree program. Permission of Department.
6 Credits, Special course fee: $1490

ONLINE
Sched No 182691

NURSING RESEARCH AND INFORMATICS **NURSNG 362**
This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.
Prerequisite: Admission to the RN-to-BS degree program. Permission of Department.
6 Credits, Special course fee: $1490

ONLINE
Sched No 182705

EVIDENCE-BASED PRACTICE **NURSNG 460**
Identification and analysis of priorities for development of evidence-based nursing practice protocols are emphasized. Strategies for formulation of evidence-based nursing practice protocols, including integrative literature reviews and clinical practice guidelines are identified. Key areas of nursing practice will be addressed.
Prerequisite: Admission to the RN-to-BS degree program. Permission of Department.
6 Credits, Special course fee: $1490

ONLINE
Sched No 182719

Philosophy

INTRODUCTION TO PHILOSOPHY **PHIL 100**
An introductory examination of the problems and scope of philosophy.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 102492

MORAL AND SOCIAL PROBLEMS **PHIL 108**
Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-127
Sched No 102513

COPLEY
Tu 6:00-9:00pm
Sched No 102506

MORAL ISSUES IN MEDICINE **PHIL 222**
Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-057
Sched No 182782

PHILOSOPHY OF MAGIC, WITCHCRAFT, AND THE OCCULT — PHIL 281A

This is a rather unusual course in that it treats magic, witchcraft, and the occult in general as serious topics of philosophical inquiry. We will investigate the magical traditions of classical Greece and Rome, medieval Judaism, and the European Renaissance as important, and more or less disciplined, attempts to understand the structure of the cosmos and the place of humankind within it. We will argue that, far from representing irrational or superstitious systems of belief, key esoteric traditions have played a central role in the rise of Western philosophy and science in both the ancient and early modern periods.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, Room W-2-198
Sched No 185736

Political Science

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE — POLSCI 101

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-057
Sched No 102534

GOVERNMENT AND POLITICS OF THE UNITED STATES — POLSCI 102

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 102548

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES — POLSCI 202

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-057
Sched No 182796

PUBLIC POLICY — POLSCI 203

The process of policy making and the manner and effects of policy implementation in states and localities.
Prerequisite: Sophomore standing.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE
Sched No 182810

INTERNATIONAL RELATIONS — POLSCI 220

Through the analysis of current and historical developments, this course focuses on the major patterns and concepts which explain the behavior of nations as they operate on the world scene. Special attention is given to the role of economic relations, war, ideologies, and various attempts at eliminating international conflict; the dynamics of global economic interdependence; the impact of multinational corporations; the impact of regional trading blocs; the significance and impact of globalization. While the course covers broad patterns of international relations, of particular concern are (a) the condition of underdevelopment in the Third World and its link to biases in the structure of the international system and the inequities of the globalizing economy; (b) issues of human rights, ethnicity, nationality; the role of cultural, religious and gender differences; the role of social classes and race.
Prerequisite: Sophomore standing.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 102569

ONLINE
Special course fee: $745
Sched No 102576

Psychology

INTRODUCTORY PSYCHOLOGY **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Note: Students who have already earned credits for Psych 101 may not register for this course.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-127
Sched No 184252

COPLEY
W 6:00-9:00pm
Sched No 102758

INTRODUCTION TO BEHAVIORAL RESEARCH **PSYCH 102**

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Prerequisite: Psych 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-063
Sched No 102793

PERSONALITY **PSYCH 200**

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
Prerequisite: Psych 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-057
Sched No 102807

ABNORMAL PSYCHOLOGY **PSYCH 215**

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.
Prerequisite: Psych 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 102821

INFANCY AND CHILDHOOD DEVELOPMENT **PSYCH 241**

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: Psych 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
W 6:00-9:00pm
Sched No 102856

ADOLESCENCE **PSYCH 242**

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: Psych 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-061
Sched No 102870

LEARNING AND MEMORY **PSYCH 250**

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: Psych 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-061
Sched No 102884

BEHAVIORAL NEUROSCIENCE **PSYCH 260**

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
Prerequisite: Psych 100 or 101, and either PSYCH 105 or a college-level biology course or its equivalent.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-061
Sched No 102898

PSYCHOLOGICAL TRAUMA: INDIVIDUAL AND SOCIETY **PSYCH 315**

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines the normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.
Prerequisite: Psych 215.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-063
Sched No 102912

GROUP DYNAMICS **PSYCH 333**

An examination of small group behavior from a theoretical and empirical perspective. The group is viewed as a system functioning in a number of environments—physical, personal, social, and task. Each of these interrelated environments influences various aspects of group process. Thus leadership, power, conformity, status, goals, etc., are considered as interrelated processes of social interaction.
Prerequisite: Psych 230.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-063
Sched No 102926

SOCIAL ATTITUDES AND PUBLIC OPINION **PSYCH 335**

This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.
Prerequisite: Psych 230.
3 Credits, Special course fee: $745

ONLINE COURSE
ONLINE
Sched No 102940

THE FAMILY AND THE CHILD: A PSYCHOLOGICAL VIEW **PSYCH 341**

The role of the family in the psychological development of the child. A psychodynamic view of the family, examining stages of development from the third trimester of pregnancy to sixteen years of age.
Prerequisite: Psych 241.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 182824

Study of Religion

SOCRATES, JESUS, BUDDHA **RELSTY 104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 182838

SYMBOL, MYTH, AND RITUAL: CULTURAL STUDIES IN RELIGION **RELSTY 109**

An introductory and survey course in religion which takes a comparative, historical and anthropological approach. Beginning with primitive and archaic religion (including myth and ritual) it concentrates on two or three world-historic religions (e.g., Buddhism, Judaism, Christianity) and on contemporary renewals and revision of those traditions from the perspective of various critics of the social and political order.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-064
Sched No 103010

Sociology

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

BRAINTREE
Tu 6:30-9:30pm
Sched No 182859

COPLEY
M 6:00-9:00pm
Sched No 103087

ONLINE COURSE
ONLINE
Special course fee: $745
Sched No 103094

SOCIAL PROBLEMS **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisite: SOCIOL 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE
Sched No 182873

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisite: Sociol 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-062
Sched No 103108

SOCIAL DEVIANCE AND CONTROL **SOCIOL 261**

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.
Prerequisite: Sociol 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-054
Sched No 103129

CRIMINOLOGY **SOCIOL L262**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: Sociol 101.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-055
Sched No 103024

SOCIETY AND THE INDIVIDUAL **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisite: Sociol 101.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $585

COPLEY
Th 6:00-9:00pm
Sched No 182887

SOCIALIZATION **SOCIOL 310**

Theories and research on socialization from a sociological-social psychological perspective. Emphasis on socialization during childhood, and on continuities and discontinuities between child and adult socialization.
Prerequisites: SOCIOL 101, SOCIOL 281, and junior or senior standing.
3 Credits, Course fee: $585

COPLEY
Tu 6:00-9:00pm
Sched No 182901

FAMILY VIOLENCE **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: Sociol 101 or permission of instructor.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-062
Sched No 103150

RACE AND ETHNIC RELATIONS **SOCIOL L321**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: Sociol 101.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $585

COPLEY
M 6:00-9:00pm
Sched No 103038

ELEMENTS OF SOCIOLOGICAL THEORY **SOCIOL 341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
Prerequisites: Sociol 101 and junior standing.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-062
Sched No 103164

METHODS OF SOCIOLOGICAL RESEARCH **SOCIOL L351**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: Sociol 101.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-055
Sched No 103052

JUVENILE DELINQUENCY **SOCIOL 362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: Junior standing and Sociol 101.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-054
Sched No 182915

CORRECTIONS **SOCIOL L363**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: Sociol 101.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-055
Sched No 182852

DRUGS AND SOCIETY **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisite: SOCIOL 101.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE COURSE
ONLINE
Sched No 184266

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY SOCIOL L368

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: Sociol 101.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-055
Sched No 103066

Spanish

CERTIFICATE PROGRAM: SPANISH COURT INTERPRETATION
See page 43.

CERTIFICATE PROGRAM: SPANISH/ENGLISH TRANSLATION
See page 43.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language. Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Language
4 Credits, Special course fee: $940, Lab fee: $25

ONLINE COURSE
ONLINE
Sched No 103220

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Prerequisite: Span 101 or equivalent.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Special course fee: $940, Lab fee: $25

ONLINE COURSE
ONLINE
Sched No 182922

BASIC SPANISH FOR COMMUNICATION I **SPAN 105**

A practical approach to the study of the Spanish language: carefully sequenced grammar within a communicative and cultural framework.
Note: Students may not take both SPAN 101 and 105.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-058
Sched No 103255

COPLEY
MW 6:00-7:30pm
Sched No 103248

Technical Education

COMPETENCY-BASED VOCATIONAL EDUCATIONAL CURRICULUM DEVELOPMENT — OCC ED 207

This course is designed to help provisionally approved vocational educators develop competency-based curriculum materials for effective teaching of vocational programs. Students will conduct occupational research, develop program task listings, carry out performance assessments, and devise performance tests.

3 Credits, Course fee: $585

ANDOVER
M 4:00-6:30pm
Sched No 182733

FRAMINGHAM
Tu 4:00-6:30pm
Sched No 182726

PLYMOUTH
W 6:30-9:00pm
Sched No 102310

WAKEFIELD
W 5:00-7:30pm
Sched No 102317

ONLINE COURSE
ONLINE
Special course fee: $745
Sched No 182740

IMPLEMENTING A COMPETENCY-BASED CURRICULUM — OCC ED 208

This course will present methods by which a teacher can manage instruction within a system which requires that vocational curricula meet certain criteria for competency-based programs. Instructional topics include modifying existing curricula, adapting the physical environment, evaluation and assessment of student progress, maintaining competency profiles, and integrating academic and vocational components.

Prerequisite: OccEd 207.

3 Credits, Course fee: $585

PLYMOUTH
Th 4:00-6:30pm
Sched No 182747

WAKEFIELD
W 7:30-10:00pm
Sched No 102331

ONLINE COURSE
ONLINE
Special course fee: $745
Sched No 102338

TEACHING METHODS: INSTRUCTIONAL STRATEGIES IN VOCATIONAL TECHNICAL EDUCATION — OCC ED 209

Teaching methods and strategies are a prerequisite for all prospective vocational teachers. This course will help prospective teachers to develop instructional styles, techniques, and materials for a competency-based educational environment. Prospective teachers will learn to adapt teaching styles to individual students' learning styles, prepare various forms of instructional materials, and develop an evaluation plan for assessing student competencies.

3 Credits, Course fee: $585

PLYMOUTH
W 4:00-6:30pm
Sched No 182754

WAKEFIELD
Tu 5:00-7:30pm
Sched No 102359

TEACHING METHODS: EDUCATING THE VOCATIONAL TECHNICAL LEARNER — OCC ED 210

Knowledge of the student clientele is imperative for prospective vocational teachers. This course will help prospective teachers to understand the vastly divergent student population (including special needs students, non-traditional students, and adult learners). Identification of individual student needs, interests, aptitudes, attitudes and abilities in meeting integrated academic/vocational competencies will be examined.

3 Credits, Course fee: $585

FRANKLIN
M 3:00-5:30pm
Sched No 184203

FUNDAMENTALS OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCC ED 211

This course gives provisionally approved vocational/technical educators an historical perspective on vocational education and an insight into its future. The course will analyze federal and state laws germane to vocational education, as well as methods of implementing student organization programs. It will also analyze the workings of a vocational school meeting and examine a specific issue.

3 Credits, Course fee: $585

WAKEFIELD
M 5:00-7:30pm
Sched No 182761

PLYMOUTH
M 4:00-6:30pm
Sched No 102373

ONLINE COURSE
ONLINE
Special course fee: $745
Sched No 182768

MANAGEMENT OF THE VOCATIONAL EDUCATION ENVIRONMENT — OCC ED 212

This course trains vocational educators in the theory and practice of effective classroom and laboratory management. Instructional organization, shop organization, safety, first aid, and student management will receive special emphasis.

3 Credits, Course fee: $585

PLYMOUTH
M 6:30-9:00pm
Sched No 102387

WAKEFIELD
M 7:30-10:00pm
Sched No 102394

COMPUTERIZED VOCATIONAL TECHNICAL CURRICULUM MANAGEMENT — OCC ED 216

This course is designed to provide the vocational technical educator with the skills required to use the microcomputer as a tool for curriculum, classroom record-keeping, and planning. Students will adapt, modify, and incorporate the curricular resources developed within Massachusetts, including CBVE and others, into practical learning applications using the computer. In addition to offering hands-on experience with a microcomputer, the course will enable participants to blend classroom and laboratory learning, with an emphasis on integrated software and its application within a vocational technical setting.

3 Credits, Course fee: $585

BILLERICA
Th 5:00-7:30pm
Sched No 102429

Women's Studies

WOMEN AND SOCIETY **WOST 100**

An introductory, interdisciplinary course recommended as a first course in women's studies. Through lectures, readings, and discussions, students examine the origins of women's oppression; female and male sex roles; marriage and the family; women workers at home and in the labor force. Students relate the course material to experiences in their own lives. Preference given to first and second year students.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $585

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-058
Sched No 103570

WOMEN, WORK, AND STRESS **WOST 180A**

An introductory level minicourse, which examines the relationships between women's paid and unpaid work experiences and their well-being. Drawing on material from medicine, psychology, sociology, literature and history, the course critically explores the concepts of stress, stress management, sex roles, work, wellness, and wholeness. Students are encouraged to study and evaluate their own work settings and experiences.
2 Credits, Course fee: $390

UMASS BOSTON CAMPUS
Sept 10-Oct 29
S 8:15-11:15am, W-1-060
Sched No 103584

WOMEN AND ADDICTION **WOST 180B**

This course examines the relationships between women's social roles and status and their experiences with addiction and substance abuse problems. Medical, sociological, psychological and literary materials are reviewed. The social forces that produce "addictions" and the impact of family and community addiction problems upon the lives of women are also discussed, as are approaches to reducing the harmful impact of addictions
1 Credit, Course fee: $195

UMASS BOSTON CAMPUS
Nov 5-Dec 10
S 8:15-11:15am, W-1-060
Sched No 103598

EDUCATING WOMEN **WOST 240**

This course studies the lives and ideas of women in the US who have been educators and activists in struggles for equality in, and transformation of, education. Central themes include how women students learn; education as a means of self-realization and empowerment for women in different ethnic, race, and class contexts; how gender affects experiences in educational institutions.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Special course fee: $745

ONLINE COURSE
ONLINE
Sched No 103612

WOMEN'S HEALTH CARE **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.
Note: There is no prerequisite, but WOST 100 is recommended.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $745

ONLINE COURSE
ONLINE
Sched No 182950

GRADUATE COURSES

Applied Linguistics

DEGREE PROGRAM: MA IN APPLIED LINGUISTICS (ESL CONCENTRATION)
See page 41.

LINGUISTICS **APLING 601**
The nature and origin of language. The history of linguistics and its new theoretical developments. Principles of language analysis: phonology, morphology, and syntax. A systematic comparison of English structures with those of Capeverdean, French, Portuguese, and Spanish.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 184091

TESTING IN THE BILINGUAL/ESL CLASSROOM **APLING 670**
Students will become familiar with the language proficiency and language maintenance testing, and with other measurement and evaluative procedures needed in the administration and instruction of limited English proficiency students in ESL and bilingual programs.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 184105

Counseling

DEGREE PROGRAM: MEd IN MENTAL HEALTH COUNSELING
See page 41.

DEGREE PROGRAM: MEd IN SCHOOL GUIDANCE COUNSELING
See page 41.

CLINICAL APPLICATION OF HUMAN DEVELOPMENT **COUNSL 620**
This course provides students with a comprehensive view of life span development from childhood through adulthood from several perspectives: 1) the interaction of age with such factors as gender, cultural background, disabilities, and other significant issues which may be encountered at particular stages of life; 2) how individuals at specific stages of cognitive development process information and experience; 3) a structural approach to ego development; and 4) a psychoanalystic concept of self psychology.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 185246

COLLABORATIVE CONSULTATION AND LARGER SYSTEMS **COUNSL 626**
How do families interface with larger systems and how do therapists intervene collaboratively? How do individuals and families interact with larger systems, and how do larger systems structure the lives of individuals and families? Relationally trained practitioners are attempting to answer these questions through collaborative and interdisciplinary team-focused projects in mental health, education, the law, and business, among other fields. Similarly, scholars and researchers are developing specific culturally responsive models: outreach family therapy, collaborative health care, multisystemic school interventions, social justice-oriented and spirituality approaches, organizational coaching and consulting, among others. This course explores these developments and aims at developing a clinical and consulting knowledge that contributes to families, organizations, and communities within a collaborative and social justice vision.
Prerequisite: COUNSL 622 or permission of instructor.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 100567

Critical & Creative Thinking

CERTIFICATE PROGRAM: CRITICAL & CREATIVE THINKING (FOCUS ON CREATIVITY AT WORK)
See page 44.

CRITICAL THINKING **CRCRTH 601**
This course explores issues about the nature and techniques of critical thought, viewed as a way of thinking aimed at minimizing error and irrationality in our beliefs and attitudes. Views about observation and interpretation, reasoning and inference, and valuing and judging are all considered in this general context, with special reference to questions about how we can help others to develop the skills needed to do these things well, in a variety of educational settings.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 100637

CREATIVE THINKING, COLLABORATION AND ORGANIZATIONAL CHANGE **CRCRTH 618**
Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 182474

CRITICISM AND CREATIVITY IN LITERATURE AND THE ARTS **CRCRTH 630**

Expression and evaluation, freedom and discipline, creative production and its critique-how do these dualities relate to visual and verbal imagination as they are demonstrated in literature and the arts? Specific strategies for eliciting imaginative work in these areas are demonstrated, as are specific strategies for evaluating imaginative works. Finally, this course focuses on ways of helping others (including children) to develop these skills and effectively utilize these strategies
Prerequisites: CRCRTH 601 and 602, or permission of instructor.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 5-Dec 15
Th 7:00-9:30pm, Room TBA
Sched No 100651

Education: Adapting Curriculum Frameworks

CERTIFICATE PROGRAM: ADAPTING CURRICULUM FRAMEWORKS FOR ALL LEARNERS
See page 44.

CURRICULUM FRAMEWORKS FOR ALL STUDENTS (LEARNING STYLES, ENGLISH LANGUAGE ARTS FRAMEWORK) **CSDEDU 530**

In this course, educators will deepen their understanding of the Curriculum Frameworks and the ways instruction can be designed to include all learners. This course will focus in particular on the design of standards-based programs in English Language Arts for students with disabilities.
2 Credits, Special course fee: $570

ONLINE
Sept 12-Oct 24
Sched No 100784

CURRICULUM FRAMEWORKS FOR ALL STUDENTS (MATHEMATICS, SCIENCE AND TECHNOLOGY, HISTORY AND SOCIAL SCIENCES) **CSDEDU 540**

In this module, educators will continue to develop their understanding of the Curriculum Frameworks and the ways instruction can be designed to include all learners. This module will focus in particular on the design of standards-based programs for students with disabilities in Mathematics, Science and Technology, History and Social Sciences.
2 Credits, Special course fee: $570

ONLINE
Oct 31-Dec 12
Sched No 100798

Education: Teacher Education

COMPUTERS, TECHNOLOGY, AND EDUCATION **EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.
3 Credits, Special course feee: $880

ONLINE
Sched No 185421

DESIGN OF EDUCATIONAL COURSEWARE & APPLICATIONS **EDC G 612**

This course provides participants with methods and strategies for evaluating and designing educational software and other applications of advanced information technology.
Prerequisite: EDC G 610 or permission of instructor or graduate program director.
3 Credits, Special course feee: $880

ONLINE
Sched No 185435

Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)
See page 42.

CERTIFICATE PROGRAM: MANAGEMENT OF AGING SERVICES
See page 46.

INTRODUCTION TO ISSUES IN AGING POLICY **GERON 623**

The course offers an introduction to aging policy at a graduate level. A framework for understanding and analyzing social policy generally and aging policy specifically in the United States is provided. Topics covered include the politics of aging, the major policy issues associated with aging, and the major public programs for older people in the United States addressing income security, health, long-term care, and other needs.
3 Credits, Special course fee: $880

ONLINE
Sched No 185260

SERVICE DELIVERY ISSUES IN AGING **GERON 650**

This course is concerned with the link between consumers and aging services in settings with well developed formal services. The aim of the course is to provide students with an understanding of the structural problems that underlie the challenges that consumers face in using formal services. The course will cover a wide range of services that older people may need, the complementary relationship between formal and informal services, boundaries issues among service specialties and service professionals, service coordination and integration, and the role of both consumer direction and professional case management in negotiating service systems.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 185274

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN
See page 41.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN
See page 46.

INTRODUCTION TO INSTRUCTIONAL DESIGN **INSDSG 601**

The goal of this course is to provide new and experienced professionals in both corporate and public sectors with the basic theoretical and practical skills needed to design, deliver and evaluate training. Participants will explore the theories of instructional design through readings and practical applications.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 8-Dec 22
Th 7:30-9:50pm, M-1-616
Sched No 101519

ONLINE COURSE
ONLINE
Special course fee: $880
Sched No 101512

THE ADULT AS LEARNER **INSDSG 602**

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 8-Dec 22
Th 5:00-7:20pm, M-1-616
Sched No 101540

COMMUNICATION THEORY FOR ORGANIZATIONS **INSDSG 604**

This course focuses on the study of communication as applied to instructional technology, and on theories of media communication. It covers audience variables, systems of media analysis, message structure, environmental factors, and the integration of these elements into an efficient communication model.
Prerequisites: INSDSG 601 and 602.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 182558

INFORMATION DESIGN AND VISUAL LITERACY **INSDSG 608**

In this course, students explore the principles of visual literacy and apply them to a variety of instances in instructional design, instructional technology and information presentation. Topics include the theoretical foundations of visual learning, the role of perception in communication and learning, verbal and visual communications, visual and information design, and the use of visuals in various industries.
Prerequisites: INSDSG 601 and 602.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 6-Dec 20
Tu 7:30-9:50pm, Room TBA
Sched No 185001

ADVANCED COMPUTER-BASED TRAINING **INSDSG 617**

This course reinforces and builds upon the students' basic knowledge of creating interactive applications. Students will learn how to understand and assess the capabilities of various web-based and multimedia tools, design efficient and structurally sound programs, and deliver multimedia content over various media.
Prerequisites: INSDSG 616.
3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 101554

INTERPERSONAL SKILLS AND GROUP DYNAMICS **INSDSG 620**

This course introduces students to the body of knowledge governing interpersonal, intrapersonal, and public communication. Through readings and laboratory method, students learn human relations skills for effectiveness in personal and career situations. The course covers topics including perception, listening, conflict resolution, and group dynamics.
Prerequisites: InsDsg 601, 602 and 604, or permission of program director.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 8-Dec 22
Th 7:30-9:50pm, M-1-620
Sched No 101568

MANAGING THE TRAINING FUNCTION **INSDSG 630**

This course focuses on the requirements for successfully managing an organization's training function. Areas of concentration include building a training department, managing change and stress, delegating, communicating performance expectations, winning management support, and long range planning. Classes include small and large group instruction, video, participatory exercises, and case studies.
Prerequisites: INSDSG 601, 602, and 618.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 8-Dec 22
Th 5:00-7:20pm, M-1-620
Sched No 101582

PLANNING AND DESIGN OF EDUCATIONAL MULTIMEDIA PROGRAMS **INSDSG 640**

This course provides an overview of the process of designing interactive multimedia instruction. Since instructional multimedia is created and delivered in a technical environment, the course covers a combination of technical and non-technical topics. We will discuss the technical environment and tools used to create and deliver multimedia instruction; the technical requirements and educational value of various media elements; how to structure multimedia experiences and how to plan multimedia projects.
Prerequisite: INSDSG 601.
3 Credits, Special course fee: $880

ONLINE
Sched No 101596

ASSESSMENT OF EDUCATIONAL TECHNOLOGIES **INSDSG 650**

This course brings the students' practical experience in computers and multimedia together with the issues of how these technologies get used in the training room. Specifically, students will examine the formative evaluation process for technology-based programs in corporate training and educational programs. By obtaining feedback from representatives of the target audience in the early stages of a product's development, the developer can assure that the courseware meets its stated goals while staying within budget. Formative evaluation plans are now a requirement by most funding sources and corporations. Students will learn these assessment procedures and apply them in a project based on a real0-world application.
Prerequisite: INSDSG 601.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
Sept 6-Dec 20
Tu 5:00-7:20pm, Room TBA
Sched No 101610

CAPSTONE SEMINAR **INSDSG 690**

The course provides guidance and a structured environment in which students develop advanced instructional design skill in the context of their capstone project. Based on the nature and complexity of the students' projects, the course deals with such topics as: component display analysis; needs assessment data, analysis and reporting techniques; cognitive flexibility theory; competencies modeling; and self-directed/learner-centered strategies. Students who have completed eight or more requirements for the Instructional Design MEd should enroll in this course.
3 Credits, Course fee: $720

UMASS BOSTON CAMPUS
By arrangement
Sched No 101624

Nursing

CERTIFICATE PROGRAM: GERONTOLOGICAL/ADULT & FAMILY NURSE PRACTITIONER (POST-MASTER'S CERTIFICATE)
See page 46.

ROLE OF THE ADVANCED PRACTICE NURSE **NURSNG 631**

This course focuses on the historical development and the components of the role of the advanced practice nurse. It provides students with the opportunity to analyze and synthesize role theory, systems theory, and change theory for applications to advanced nursing practice. Research findings and principles of leadership, consultation, teaching, and evaluation are analyzed and applied to advanced nursing practice. Health policy, legal, and ethical issues affecting the practice of the advanced practice nurse are critically examined.
3 Credits, Special course fee: $880

ONLINE
Sched No 185477

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES **NURSNG 634**

This course emphasizes the pharmacological knowledge required by the advanced practice nurse to safely treat patients with common physical and mental illnesses. Students synthesize knowledge of clinical pharmacokinetics and pharmacodynamics for application to the management of common disease processes occurring in pre- and post-natal women, infants, children, adolescents, adults, and older adults. Students analyze and discuss current research findings related to pharmaceutical therapies. Students are guided in the learning experience by faculty prepared in pharmacology and experienced in the role of applying the science of clinical pharmacology.
Prerequisite: NURSNG 632 or (for non-nurse practitioner students) NURSNG 661.
3 Credits, Special course fee: $880

ONLINE
Sched No 184217

PRIMARY CARE OF THE ADULT **NURSNG 639**

Students examine the nursing and health related theory and research applied to the primary care management of adults with episodic and chronic illness. Diagnostic, therapeutic, and pharmacological regimens are examined. Continued emphasis is placed on the developing social cultural sensitivity to the variations in health care needs of urban populations.
Prerequisite: NURSNG 638.
3 Credits, Special course fee: $880

ONLINE
Sched No 184231

PRIMARY CARE OF THE FAMILY PRACTICUM II NURSNG 680

Family nursing theory and research is further integrated as students develop competences in their role as family nurse practitioner. Under the supervision of nurse practitioners and faculty, students manage and coordinate primary care for multi-cultural urban families experiencing a continuum of health promotion, episodic, and chronic illness problems. The diagnostic, therapeutic, evaluative, consultative, and teaching functions of the nurse practitioner role are examined within a professional, ethical and legal framework. Skills in collaborative interdisciplinary practice are emphasized. Seminar discussions include an exploration of the health policy issues that influence the delivery of health care to undeserved urban families and communities.
Students enrolled in NURSNG 680 must have a clinical clearance and an affiliating agency contract before they can commence the clinical experience. Students are encouraged to register at least three weeks in advance in order to allow for processing of these important requirements. Contracts and clinical clearances cannot be processed prior to registration in the course. Please contact margaret.mcallister@umb.edu for information on how to obtain a clinical clearance and fcailitate contract affiliations.
Prerequisite: Permission of Program Director.
6 Credits, Special course fee: $1760

ONLINE
Sched No 184245

School Psychology

SEMINAR IN SCHOOL PSYCHOLOGY **SPY G 691**

These two seminars are taken in conjunction with the two required practica/internships in School Psychology (SPY G 688-689). They include lectures and discussions about state and national certification requirements, case studies, assessments and 766 evaluations, legal and ethical concerns, cultural diversity factors, and general topics related to the practicum/internship experience. Practicum/internship report and daily log required.
3 Credits, Special course fee: $880

ONLINE
Sched No 103549

Spanish

CERTIFICATE PROGRAM: TEACHING OF SPANISH

See page 46.

PERSPECTIVES ON THE SPANISH-SPEAKING LANGUAGE CLASSROOM **SPAN 503**

This course, taught entirely in Spanish with occasional reading in English, is specifically designed for pre-service and in-service teachers of Spanish. It will examine the various geographic and cultural traditions that make up today's Spanish-speaking worlds. In so doing, the course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Framework for Foreign Languages and the National Standards for Foreign Language Teaching. The course is interdisciplinary. Topics to be studied in depth include issues of national and cultural identity, social life, and cultural production.
3 Credits, Special course fee: $860

UMASS BOSTON CAMPUS
Sept 6-Dec 20
Tu 5:00-7:30pm, Room TBA
Sched No 183041

A LINGUISTIC PERSPECTIVE ON VARIATIONS IN THE SPANISH LANGUAGE **SPAN 520**

This course, taught in Spanish, will examine the main Spanish variants of today's Spanish-speaking worlds, and grammatical traditions of Spanish. The course presents accessible research on fundamental problems of Spanish grammar that teachers deal with on a daily basis.† Topics include the origin of differences among Spanish variants, what is good spoken Spanish, and how various historical periods dealt with this last question.
3 Credits, Special course fee: $880

ONLINE
Sched No 183055

Special Education

CERTIFICATE PROGRAM: ORIENTATION & MOBILITY
See page 46.

PHYSICAL AND FUNCTIONAL ASPECTS OF ORIENTATION AND MOBILITY **SPE G 511**

The student is introduced to the structure and function of the main systems of the human body and to chronic conditions which may affect them. Emphasis is given to disabilities most frequently seen in conjunction with visual impairments, and how the combined impact can affect O/M instruction. The course also explores the sensory systems, the mechanics of locomotion, and the psychomotor factors influencing mobility.

3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 185463

CONSULTATION AND INTERPERSONAL SKILLS I **SPE G 629**

Students demonstrate an understanding of the principles involved in consultation and interpersonal skills. Intervention strategies and interviewing techniques will be stressed. Discussions include dynamics of the team process, roadblocks to communication and analysis of a school system, with subsequent in-service recommendations. Students have an opportunity to apply these learned skills while examining theory concurrently.

3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 182936

Technical Education

ADOBE PHOTOSHOP **PRFDVL 5V02**

This is a project-based, hands-on course designed to familiarize the student with the major features—and many of the custom areas—of this ubiquitous computer application. Students will learn how to use Photoshop to design for each of the following media: print, CD/presentation, and the Internet. This course requires no prior knowledge of Photoshop, but does require prior computer experience with either Windows or the Macintosh platform.

Note: This course cannot be counted toward any UMass Boston graduate degree program.

3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 185561

WEB DESIGN FOR EDUCATORS **PRFDVL 5V06**

One of the most important innovations in recent years for educators has been the Internet. The ability to locate and reference resources from the World Wide Web is allowing teachers to gather and infuse information in ways that were unheard of a decade ago. This course is designed to instruct educators in Web site design through an understanding of HTML and the Web editing package, Dreamweaver. Teachers will learn not only how to create Web pages, but also how to develop a site that will support the educational frameworks of their disciplines. Each student will complete a project consisting of an eight- to ten-page Web site reflecting a number of the techniques learned in class.

Note: This course cannot be counted toward any UMass Boston graduate degree program.

3 Credits, Special course fee: $880

ONLINE COURSE
ONLINE
Sched No 185575

Online Courses

Our online courses have been developed by UMass Boston faculty and currently use two course management systems, Prometheus and WebCT Vista.

A list of online courses available this fall can be found on page 12. Descriptions and schedule information for these courses are available in the main course listings on pages 14-38, where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 56, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your Email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an Email to the account given at registration.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities for enrichment.

Please be sure to read information about online learning at at ccde.umb.edu/dl.

PLEASE NOTE: Some courses will use Prometheus as a course management system while others will use WebCT Vista. Vista courses are indicated on the course listing page (a link from the ccde.umb.edu/dl). For information about using Prometheus and Vista, see www.lms.umb.edu.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Online Degree and Certificate Programs

Several of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL Concentration
- MEd in Instructional Design
- MEd in Mental Health Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- BS in Nursing for Registered Nurses

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology*

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks for All Learners
- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators

*Available online pending final university approval

Further information about these programs is available on pages 40-47.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Multi-Site Education (MUSE) program. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

Each of the undergraduate and graduate programs described on pages 41-47 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345. Students will be billed for this fee; it is not charged at the time of course registration.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

http://www.umb.edu/students/financial_aid/index.html.

For information about employment opportunities for students, please refer to

http://www.umb.edu/students/employment/.

DEGREE PROGRAMS

- MA in Applied Linguistics (ESL concentration)
- MEd in Instructional Design
- MEd in Mental Health Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- B.S. in Nursing for Registered Nurses

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks
- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators
- Gerontological/Adult and Family Nurse Practitioner
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics (English as a Second Language Concentration)

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for online teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate credits are required of all degree candidates.

For more information, contact Kitty Galaitsis (tel. 617.287.7918; email katharine.galaitsis@umb.edu).

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete 5 required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, contact Dennis Maxey (tel. 617.287.5980; email dennis.maxey@umb.edu).

MEd in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Jason Campos at 617.287.7912 or Email to medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Jason Campos at 617.287.7912 or Email to medcounseling@umb.edu.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, send an email message to ellen.birchander@umb.edu or lillian.glickman@umb.edu.

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RN's maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty credits of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, send an email to kathleen.polley@umb.edu.

UNDERGRADUATE CERTIFICATES

Community Media & Technology

AVAILABLE ONLINE

This two-semester, six-competency, 18-credit certificate program is designed to provide students with the key competencies they need to incorporate a range of multi-media tools into their primary responsibilities as labor activists, community organizers or agency professionals. Students in the certificate program complete the following requirements: media literacy; community action; analyzing media; media and community building; using technology; and developing a media strategy.

For more information, call 617.287.7120 or visit ccde.umb.edu/certificates.

Fundamentals of Information Technology

(Available online pending University approval)

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel 617.287.7295, Email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

For more information, contact Kitty Galaitsis (tel 617.287.7918, Email katharine.galaitsis@umb.edu) or visit ccde.umb.edu/certificates.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For more information, contact Sarah Bartlett (tel. 617.287.7374; Email sarah.bartlett@umb.edu) or visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; E-mail margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: Span 408, Advanced Techniques and Skills for Translation, and Span 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; E-mail margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Adapting Curriculum Frameworks for All Learners

AVAILABLE ONLINE

This 12-credit certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information, contact Mary Brady (tel. 617.287.7254; Email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Applied Behavioral Analysis

AVAILABLE VIA ITV

This four-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; Email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Critical and Creative Thinking (Focus on Creativity at Work)

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: M.A. students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact the CCT program office (tel 617.287.6523, Email cct@umb.edu) or visit ccde.umb.edu/certificates

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; E-mail elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, credits earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

For more information, call 617.287.7415, email disres@umb.edu, or visit ccde.umb.edu/ certificates.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; Email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gertontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult the College of Nursing and Health Sciences course schedule.

For more information, contact Margaret McAllister (tel 617 287-7543, Email margaret.mcallister@umb.edu) or visit ccde.umb.edu/certificates.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program (see page 42).

For more information, contact Lillian Glickman (Email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; Email ellen.birchander@umb.edu).

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, contact Dennis Maxey (tel. 617.287.5980; email dennis.maxey@umb.edu).

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Chenfeng Zhang (tel 617-287-7674, Email chenfeng.zhang@umb.edu).

Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 credits offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

For more information, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; E-mail margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Joe Check, Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit www.umb.edu/research/bwp.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. Students in the program earn credits from UMass Boston's MA program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen credits for the certificate: nine credits in course work, six credits for the internship, and three credits through the final case-study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, Email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

Alcoholism/chemical dependency treatment agencies are among the newest elements of our nation's health care delivery system. Like clinics for the aging and mental health and well-child clinics, alcoholism/chemical dependency treatment agencies are now employing professional managers, counselors, and service providers. Anyone who wishes to pursue a career in the treatment of alcoholism/chemical dependency should be familiar with the functions, policies, and treatment populations of a complex network of treatment agencies, and must also possess the knowledge, skills, and techniques needed for the successful treatment of individuals and families afflicted by alcoholism or chemical dependency. UMass Boston's Alcoholism/Chemical Dependency Treatment Services Program aids in the professional development of people involved in this important and growing health care service field.

The professional development sequence consists of five courses and a practicum. The courses explore the nature of alcoholism/chemical dependency, its treatment, and the ways treatment agencies function; the practicum involves supervised experience in a licensed facility. Participants who complete the five required courses and the practicum receive a certificate of recognition.

Three of the courses required for the certificate meet each fall and spring semester on Saturdays, for the convenience of working students. Other courses meet late in the afternoon and early in the evening. Practicum hours (about fifteen per week) are arranged to fit participants' schedules. A two-day pre-practicum workshop is conducted each semester just prior to the practicum so that the participants can synthesize knowledge gained in their course work and mobilize it for their practicum experience.

The program is now offered in three locations: at our main campus in Boston, in Framingham, and in Plymouth.

The fee for most of the courses in the program is $380. The fee for the pre-practicum workshop is $275; the fee for the practicum is $1,325. Total program cost is $3,500.

Participants who withdraw from the program before the second class meeting of the first semester will receive a 100% refund of program fees. No refunds are available after the second class meeting of the first semester.

Those wishing to enter the professional development sequence leading to the certificate are required to meet with the program director prior to registering.

FURTHER INFORMATION

For more information, or to arrange an interview, please contact Reca Quarles (tel 617.287.7900, Email reca.quarles@umb.edu).

Human Resource Management

The Certificate Program in Human Resource Management is designed for those seeking an overview of the human resource function and its strategic role in today's organization. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

UMASS BOSTON CAMPUS

W 6:30-9:30pm
Sept 14-Dec. 14
Sched No 19161-15
Fee: $2,250

For more information, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, Email susan.griffin@umb.edu).

Marine Operations and Technology

MARINE SURVEYING

The field of marine surveying, types of surveys, and destructive and non-destructive testing of both large and small vessels will be discussed. Students will examine various boats (vessels in storage at UMass Boston) and prepare detailed written condition reports on their findings. Hull materials analyzed will include wood, glass and metal.

UMASS BOSTON CAMPUS
Tu 9:00am-12:00noon
Sept 6-Dec 20
Sched No 65031-15
Fee: $425

To find out more about the Marine Operations and Technology program please contact Marine Operations: 617.287.5405, chris.sweeney@umb.edu.

Project Management Courses

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge®,* this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

ONLINE
Sept. 13-Nov 29
Sched No 60461-15
Fee: $1,060

UMASS BOSTON CAMPUS
M 6:30-9:30pm
Sept 13-Nov 29
Sched No 60462-15
Fee: $875

For more information, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, Email susan.griffin@umb.edu).

PMP EXAM PREPARATION

AVAILABLE ONLINE

This intensive 2-day course is designed for professionals who are serious about passing the PMP examination. The course provides participants with a personal assessment of where they are in the preparation process by identifying strengths and knowledge gaps. At the end of the course students will have an excellent understanding of what it will take to complete their individual preparation. Each participant will leave with a personalized study plan that will greatly improve his or her chances of passing the PMP examination.

ONLINE
Dec. 5 & 7
Sched No 60471-15
Fee: $935

UMASS BOSTON CAMPUS
S 9:00am-4:00pm
Dec 3 & 10
Sched No 60472-15
Fee: $750

For more information, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, Email susan.griffin@umb.edu).

Refund Policy

Refunds will be granted to registered students who withdraw from Corporate and Professional Training programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

Please note: In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program (facing page); see program description for more information.

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. Formal classes begin only after the orientation period.

REFUND POLICY

Refunds will be granted to registered students who withdraw from English Language Study programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Susan Griffin (tel. 617.287.7278, Email susan.griffin@umb.edu).

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 16
Sched No 26111-15
Fee: $3,375

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 16
Sched No. 25111-15
Fee: $3,375

ESL: BUSINESS ENGLISH OPTION

The Business English Option is designed for individuals who wish to focus their learning on the types of English used in the business world. In addition to classes in general English (grammar, writing, reading comprehension, and vocabulary), participants will experience classes in which video, audio materials and computers are used to present topics such as management, marketing, finance, management information systems and other topics of interest to business people. Students participate in 24 class hours per week and must complete homework and other assignments.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 16
Sched No 25171-15
Fee: $3,375

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 20 and Wednesday, September 21 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
September 28-December 8
Sched No 26191-15
Fee: $475

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 20 and Wednesday, September 21 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
September 28-December 8
Sched No 26101-15
Fee: $475

TOEFL Test Preparation

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 20 and Wednesday, September 21 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
September 28-December 8
Sched No 25321-15
Fee: $475

Winter ESL in Boston

UMass Boston is pleased to offer during Wintersession 2006 a full-time day program of study in English for non-native speakers. This short, intensive English language experience can serve as an introduction to the spring session of either the University Preparation or Intensive English Programs, or as a self-contained English program for those who cannot attend more than four weeks.

For participants at the beginner and low-intermediate level, coursework will include instruction in and intensive practice of the basic language skills of listening, speaking, reading, and writing. There will also be formal grammar study at the appropriate level and pace, and exercises in vocabulary building. For advanced and high-intermediate level participants, coursework will include, in addition to assigned readings and worksheets, work on one or two oral presentations. Work on a written report will support and extend the oral presentation project. Students, in consultation with their instructor, choose the topics that they wish to explore. Computer lab time is scheduled, and students are offered basic instruction in popular software programs for creating presentations and doing web-based research.

UMASS BOSTON CAMPUS
Monday through Friday, January 4-27
Sched No. 26111-26
Fee: $925

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston, unless otherwise noted. Enrollment is limited. Please register early, using the form on page 55.

Note: Additional sections of grad prep courses are being added as this publication goes to press. For an up-to-date schedule, call 617.287.7914.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For more information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
Sept 13-Oct 20
Course Fee: $400
Sched No 22221-15

TuTh 6:00-9:00pm
Nov 10-Dec 22
Course Fee: $400
Sched No 22222-15

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

We still offer regularly scheduled prep courses; however, the GMAT exam is available only online at designated centers. For more information, please call 800-GMAT-NOW.

MW 6:00-9:00pm
Sept 7-Oct 19
Course Fee: $400
Sched No 22231-15

MW 6:00-9:00pm
Oct 24-Nov 30
Course Fee: $400
Sched No 22232-15

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

Test Date: Oct 1
TuTh 6:00-9:00pm
Aug 23-Sept 29
Course Fee: $400
Sched No 22241-55

Test Date: Dec 3
TuTh 6:00-9:00pm
Oct 20-Dec 1
Course Fee: $400
Sched No 22241-15

COPLEY
Test Date: Dec. 3
Tu 6:00-9:00pm
Sept 13-Nov 29
Course Fee: $400
Sched No 22242-15

Math Refresher Course

This course is designed for people who are perhaps math-phobic or who have been away from math for a long time and are interested in refreshing their math skills—for college placement tests, both undergraduate and graduate, for GRE and GMAT prep courses and exams, and other professional or educational endeavors. The course offers an intense, fast paced review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, linear and quadratic equations, formula solving and manipulation and the basic concepts of geometry and their applications. Students will be introduced to the language of math and many shortcuts will be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings for those students who are taking the exams. However, it must be emphasized that this course is not designed solely for those going on to graduate school and it is not a strategy class.

To register for this course, use the form on page 55.

MW 6:00-9:00pm
Sept 19-Oct 12
Course Fee: $250
Sched No 22211-15

MW 6:00-9:00pm
Nov 28-Dec 19
Course Fee: $250
Sched No 22212-15

REFUND POLICY

Refunds will be granted to registered students who withdraw from Graduate Test Preparation and Math Refresher programs on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation funded center that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

BATEC will develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT, one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, Email deborah.boisvert@umb.edu), or visit www.batec.org.

China Program Center

The China Program Center is a UMass Boston initiative whose mission is to provide a focal point for partnering among Chinese and American government, academic, and business leaders to provide cross-cultural education and training programs which advance mutual understanding of the cultures. The Center's activities will span a wide range of educational opportunities for an equally wide range of audiences, including Chinese students, faculty, and government officials as well as US students, business leaders, and teachers.

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, Email allan.guo@umb.edu).

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of higher education and research institutions that shares an aquatic science and environmental policy curriculum. The Consortium's undergraduate academic program offers unique learning opportunities. Courses are taught in the early evening on member campuses. College academic credit is also available to the general public through agreements with Consortium member schools.

To see course syllabi visit: www.brandeis.edu/marines-tudies/courses.html

UMass Boston's Small Business Development Center and Minority Business Center (SBDC)

The UMass Boston's Small Business Development Center & Minority Business Center (SBDC) in the College of Management is a partnership of the U.S. Small Business Administration (SBA), the Commonwealth of Massachusetts and the University of Massachusetts. The UMass Boston SBDC is part of a statewide network of Massachusetts SBDCs that work with entrepreneurs who are starting, expanding or acquiring a business.

The SBDC provides prospective and current business owners with free one-to-one management counseling, and low cost entrepreneurial workshops and courses. Counseling and workshop areas include business startup issues, business plan development, finance, accessing capital, cash flow management, human resource issues and marketing. The Center also assists existing firms with entrance to export markets and government procurement.

For more information on management counseling or upcoming entrepreneurial training, please go to www.sbdc.umb.edu or call the SBDC at 617.287.7750.

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in fall '05, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Registration Form • Non-Credit Programs

Please Print

Use this form to register for:

- **Corporate & Professional Training**
- **English Language Study**
- **Graduate Test Preparation**

Use the form on the reverse side for all undergraduate and graduate credit courses.

Social Security #: ___ – ___ – ____

Name _____
Last First Middle Initial

Address _____
No. & Street City State Zip

Daytime Phone ( ) _____ **Evening Phone** ( ) _____

Email address _____

Sex ○ Male ○ Female **Date of Birth** _____
Month Day Year

Current UMass Boston student?
○ Non-Matriculated ○ Matriculated Major
○ Undergraduate ○ Graduate

Job Title _____

Employer _____

Address _____

CE Staff Initials

Date Stamp

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other _____
H. Do not wish to report

This is your only record of your registration transaction!! Please retain a copy for your records

Course Selections

Sched. No.	Title	Starting Date	Course Fee		Materials Fee		Total
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	
____ – ___				+		=	

For Office Use Only

Please calculate payment below:

Course and Materials Fees (total)

Total Payment Enclosed

Full payment must accompany all registrations

Method of Payment

○ VISA ○ MasterCard
○ Check ○ Discover Card
○ Waiver ○ Bill Company/Agency

Send checks
(payable to UMass Boston) to:
UMass Boston
CCDE, Box NC
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7922

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards.
To do so, please provide the information requested.

____ – ____ – ____ – ____
Account Number

Expiration Date

Student Signature

Cardholder's Name
If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

Registration Form • Fall 2005 Courses

If you have already registered for CCDE courses this semester, do not use this form. Instead, to register for additional courses or to drop a course, you must obtain a Change of Registration form from the Corporate, Continuing and Distance Education Office.

Social Security #: ___ - ___ - ____

Name _____
Last First Middle Initial

Email address _____
(Email address is required for online students)

Address _____
No. & Street

_____
City State Zip

Daytime Phone ( ) **Evening Phone** ( )

CE Staff Initials

Postmark Date

Sex ○ Male ○ Female **Date of Birth** _____
Month Day Year

Job Title **Employer**

Employer Address

Are you a current UMass Boston student?
- ○ Non-Matriculated
- ○ Undergraduate Major _____
- ○ Graduate Major _____

If you are a student at other college or university
Where? _____

Ethnic Survey Information. Please circle appropriate letter.
- **A.** American Indian/Alaskan Native
- **B.** Black Non-Hispanic
- **C.** Asian or Pacific Islander
- **D.** Hispanic
- **E.** Non-resident Alien
- **F.** White Non-Hispanic
- **G.** Other _____

Please follow the example below when indicating course selections. Be sure to include six-digit schedule numbers.

Sched. No.	Department and Course Number	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
123456	Art 123	Sample Course	Copley	—	3	585	+	—	=	585

Course Selections

Sched. No.	Department and Course Number	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
							+		=	
							+		=	
							+		=	
							+		=	

For CCDE Office Use Only

	Fall	C/C/W Code	Amt
Ses			
UGrad			
Grad			
Occ			
Cct			
Reg			
Eds			
Late			
Rsvce			
A/H/A			
Total		Total	

This form is the only record of your registration. Please make a copy.

Method of Payment
- ○ MasterCard ○ Check
- ○ Discover Card ○ Waiver
- ○ VISA ○ Other

Send checks
(payable to UMass Boston) to:
UMass Boston
CCDE, Box C
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7902

Method of Registration
- ○ Mail ○ FAX
- ○ Phone ○ Walk-in

Full payment must accompany all registrations. Cash payments can be made only at the Bursar's Office before 4:30pm.

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards. To do so, please provide the information requested.

____ - ____ - ____ - ____
Account Number

Expiration Date

Student Signature

Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Authorization #

Certified by:

Please calculate payment below.

Course and Lab Fees (total)

Total Service Fees $100
($50 if taking online courses only)

Subtotal

Records Fee**

Late Fee***

Total Payment Enclosed

**$6; required of non-matriculated students
***$25 if applicable; see "When to Register," page 3.

If you want to know more about UMass Boston's Division of Corporate, Continuing and Distance Education, **ccde.umb.edu** is the place to go. On our website you can:

- Submit your registration online
- Browse our FAQs
- Find in-depth descriptions of our programs
- Check out up-to-date information on new programs, schedule changes, and CCDE events and activities

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